

EPA Update

Summary

- Terumo BCT responded to the 114 Information Collection Request (ICR) and the changes made were significant
- The data now reflects the improvements made at the facility in 2018

- **Ex. 5 Deliberative Process (DP)**
- Some EJ concerns in the area.

Before vs After Controls Were Modeled

Ex. 5 Deliberative Process (DP)

EJSCREEN Info

- The shape drawn from this data pull was the area in red from previous slide. Rough estimates
- Some EJ concerns for this area.
 - Ozone
 - Lead paint
 - Risk Management Plan facility
 - Hazardous waste proximity
 - Underground storage tanks
 - Population above 64 years old
- Might need to make accommodations for translators

Terumo BCT

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Pollution and Sources							
Particulate Matter 2.5 ($\mu\text{g}/\text{m}^3$)	7.73	7.3	53	7.07	61	8.74	26
Ozone (ppb)	57	55.5	84	52.5	73	42.6	94
2017 Diesel Particulate Matter* ($\mu\text{g}/\text{m}^3$)	0.343	0.253	73	0.211	80-90th	0.295	70-80th
2017 Air Toxics Cancer Risk* (lifetime risk per million)	130	25	99	22	95-100th	29	95-100th
2017 Air Toxics Respiratory HI*	0.37	0.34	74	0.3	80-90th	0.36	60-70th
Traffic Proximity (daily traffic count/distance to road)	740	590	75	520	80	710	77
Lead Paint (% Pre-1960 Housing)	0.45	0.18	84	0.21	83	0.28	74
Superfund Proximity (site count/km distance)	0.093	0.1	62	0.11	65	0.13	64
RMP Facility Proximity (facility count/km distance)	1.4	0.66	86	0.64	86	0.75	84
Hazardous Waste Proximity (facility count/km distance)	1.9	0.85	88	0.77	89	2.2	70
Underground Storage Tanks (count/km ²)	12	2.6	96	2.7	96	3.9	92
Wastewater Discharge (toxicity-weighted concentration/m distance)	6.9E-06	0.36	10	3.5	11	12	16
Socioeconomic Indicators							
Demographic Index	24%	29%	49	26%	56	36%	39
People of Color	22%	32%	42	25%	58	40%	39
Low Income	26%	25%	57	27%	54	31%	46
Unemployment Rate	2%	4%	24	4%	29	5%	21
Linguistically Isolated	0%	3%	48	2%	56	5%	45
Less Than High School Education	6%	8%	55	8%	53	12%	35
Under Age 5	4%	6%	36	7%	29	6%	35
Over Age 64	26%	14%	91	14%	91	16%	88

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's 2017 Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

Ex. 5 Deliberative Process (DP)

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